

AMENDMENTS TO THE CLAIMS

Please cancel claims 1, 5, and 14-28, amend claims 2-4, 6-11, and 13, and insert new claims 29-41, as follows. A complete listing of pending claims is provided below.

1. (Canceled)
2. (Currently Amended) The vaso-occlusive device of claim ~~1~~ 29, wherein the member comprises a coil.
3. (Currently Amended) The vaso-occlusive device of claim ~~1~~ 31, wherein substantially all of the length of the member has a serpentine shape when the member is in a the relaxed condition.
4. (Currently Amended) The vaso-occlusive device of claim ~~1~~ 31, wherein ~~a distal portion of the member has a~~ the serpentine shape is located adjacent to one of the ends of the member when the member is in a the relaxed condition.
5. (Canceled)
6. (Currently Amended) The vaso-occlusive device of claim ~~1~~ 29, wherein ~~a proximal end one of the ends~~ of the ends of the member is electrolytically detachable from a delivery device.

7. (Currently Amended) The vaso-occlusive device of claim ~~+~~ 31, wherein the serpentine shape comprises an amplitude of about 5-30 millimeters.
8. (Currently Amended) The vaso-occlusive device of claim ~~+~~ 31, wherein the member, when tensioned in a stretched condition, has a length at least 15 times an amplitude of the serpentine shape.
9. (Currently Amended) The vaso-occlusive device of claim ~~+~~ 29, wherein one of the ends of the member has ~~a distal end having~~ a substantially J-shaped tip.
10. (Currently Amended) The vaso-occlusive device of claim ~~+~~ 29, further comprising a plurality of fibers fixedly attached to the member.
11. (Currently Amended) The vaso-occlusive device of claim ~~+~~ 29, further comprising a polymeric fiber substantially covering the member.
12. (Original) The vaso-occlusive device of claim 11, wherein the polymeric fiber is wrapped around and onto a circumferential surface of the member.
13. (Currently Amended) The vaso-occlusive device of claim ~~+~~ 29, wherein the member is stretch-resistant.

14-28. (Canceled)

29. (New) A vaso-occlusive device, comprising:

a member having a first end, a second end, and a length extending between the first and the second ends, the member having a first curvilinear portion and a linear portion located next to the first curvilinear portion, the linear portion being relatively straight, the first curvilinear portion having a first end and a second end, the linear portion having a first end and a second end, wherein the first end of the linear portion connects to the second end of the first curvilinear portion, and the second end of the linear portion is located closer to the second end of the first curvilinear portion than the first end of the first curvilinear portion when the member is in a relaxed configuration.

30. (New) The vaso-occlusive device of claim 29, wherein the member further having a second curvilinear portion.

31. (New) The vaso-occlusive device of claim 30, wherein the first curvilinear portion and the second curvilinear portion form a serpentine shape.

32. (New) The vaso-occlusive device of claim 30, wherein the first curvilinear portion and the second curvilinear portion are located immediately next to each other.

33. (New) The vaso-occlusive device of claim 30, wherein the first curvilinear portion and the second curvilinear portion are spaced from each other.

34. (New) The vaso-occlusive device of claim 30, wherein the first curvilinear portion is proximate to the first end of the member, and the second curvilinear portion is proximate to the second end of the member.
35. (New) The vaso-occlusive device of claim 30, wherein the first curvilinear portion comprises an upper curve, and the second curvilinear portion comprises a lower curve.
36. (New) The vaso-occlusive device of claim 30, wherein the first curvilinear portion has a first peak and the second curvilinear portion has a second peak, and a first line connecting the first peak and the second peak does not intersect a second line extending between the first and the second ends.
37. (New) The vaso-occlusive device of claim 29, wherein the first curvilinear portion lies approximately within a plane.
38. (New) The vaso-occlusive device of claim 29, wherein the first curvilinear portion has a shape that resembles at least a portion of a circle.
39. (New) The vaso-occlusive device of claim 29, wherein the first curvilinear portion has a shape that resembles at least a portion of a parabola.
40. (New) The vaso-occlusive device of claim 29, wherein the linear portion is rectilinear.

41. (New) The vaso-occlusive device of claim 29, wherein the first curvilinear portion and the linear portion are formed together as parts of the member.